

BARYSHNIKOV, A.I., kand. med. nauk (Kuybyshev, 52, Pskovskaya ul, d.26,  
kv. 41)

Some symptoms of intestinal strangulation in inguinal hernia.  
Vest. khir. 91 no.8: 121-122 Ag'63 (MIRA 17:3)

1. Iz gosital'noy khirurgicheskoy kliniki ( zav. - prof.  
A.M. Aminov) Kuybyshevskogo meditsinskogo instituta.

BARYSHNIKOV, A.M., kand.med.nauk (Kuybyshev, obl., 52, ul. Pskovskaya,  
d.26, kv.41)

Immediate and late results of extensive resections of the small  
intestine. Klin.khir. no.6:7-9 Je '62. (MIRA 16:5)

1. Kafedra gosptal'noy khirurgii (zav. - prof. A.A. Aminev)  
Kuybyshevskogo meditsinskogo instituta.  
(INTESTINES—SURGERY)

PETROV, G.L., kand.tekhn.nauk; KOZLOV, R.A., insh.; BARYSHNIKOV, A.P., insh.

Certain metallurgical characteristics in the welding of manganese-  
aluminum steels. Svarka 2:9-21 '59. (MIRA 14:5)  
(Manganese steel--Welding) (Aluminum-manganese alloys--Welding)

VOLKOVA, Ye.I., inzh.; KHIRIN, N.D., inzh.; BARYSHNIKOV, A.P., inzh.;  
KOZHEVNIKOV, G.A., inzh.; KHOKHRIN, K.G., inzh.; BABKOV, V.A.,  
inzh.; VNUKOV, A.K., kand.tekhn.nauk

Starting clutch for draft and blowing machinery and pit mills.  
Teploenergetika 8 no.6:31-32 Je '61. (MIRA 14:10)

1. Yuzhnoye otdeleniye Gosudarstvennogo tresta po organizatsii i  
ratsionalizatsii elektrostantsiy.

(Clutches (Machinery))

(Electric power plants—Equipment and supplies)

TUSEVICH, V.A., inzh.; BARYSHNIKOV, A.P., inzh.; KOZHEVNIKOV, G.A., inzh.;  
MYZNIKOV, N.F., inzh.

Use of an axial flue gas pump with reversible blades in a boiler  
operating on natural gas. Elek. sta. 33 no.8:13-16 Ag '62.  
(MIRA 15:8)  
(Boilers--Equipment and supplies)

ZAKHAROV, Ye.S., inzh.; VIGAK, V.M., inzh.; BARYSHNIKOV, A.P., inzh.;  
ZAMORA, T.P., inzh.

Measurement of stresses at high temperatures using self-compensating  
wire-type resistance gauges. Teploenergetika 10 no.1:68-70 Ja  
'63. (MIRA 16:1)

1. Yuzhnoye otdeleniye Gosudarstvennogo tresta po organizatsii i  
ratsionalizatsii rayonnykh elektrostantsiy i setey.  
(Strain gauges)  
(Strains and stresses—Measurement)

TUSEVICH, V.A., inzh.; BARYSHNIKOV, A.P., inzh.; KOZHEVNIKOV, G.A., inzh.;  
MYZNIKOV, N.F., inzh.

Improvement of a flue gas pump system. Energomashinostroenie  
9 no.3:36-39 Mr'63. (MIRA 17:5)

BARYSHNIKOV, A.S.; NEVEROV, G.A.; UDILOVA, N.N.

Morphological changes in the lungs in experimental silicosis in rabbits. Probl. tub. no.5:57-60 8-0 '54. (MLRA 7:12)

1. Iz laboratorii eksperimental'noy patologii Sverdlovskogo oblastnogo nauchno-issledovatel'skogo tuberkuleznogo instituta (dir. prof. I.A.Shaklein)  
(SILICOSIS, experimental,  
lung pathol. in)  
(LUNGS, pathology,  
in exper. silicosis)



*BARYSHNIKOV, A.S.*

USSR /Microbiology. Medical and Veterinary  
Microbiology.

F-6

Abs Jour: Referat. Zh.-Biol., No. 9, 1957, 35714

Author : Baryshnikov, A.S.; Egorva, K.T.; Neverov, G.A.;  
Udilova, N.N.

Title : Effect of "Larusan" On the Character of the  
Tuberculin Reactions in Experimental Tuberculosis

Orig Pub: Probl. tuberkuleza, 1956, No. 2, 61-64

Abstract: In guinea pigs infected with Mycobacterium tuber-  
culosis hominis in a dose of 0.0005 mg./ml. and  
having received "Larusan" in a dose of 20 mg.  
beginning from the second day after the infection,  
the intradermal reactions to tuberculin in a  
dilution of 1:100 after 1, 2, and 3 months were  
negative; in the organs of animals killed 120  
days after infection, specific changes were not

Card 1/2

USSR /Microbiology. Medical and Veterinary  
Microbiology.

F-6

Abs Jour: Referat. Zh.-Biol., No. 9, 1957, 35714

discovered. The guinea pigs which began to receive "Larusan" 23 days after infection, during the two days preceding the first tuberculin test, developed a weakened reaction to tuberculin. 3 months after infection the reaction to tuberculin in these animals was negative or weakly positive. On dissection there were insignificant tubercular changes, single tubercles.

Card 2/2

USSR/Pharmacology and Toxicology. Chemotherapeutic Preparations  
Antitubercular Drugs

V-7

Abs Jour : Ref Zhur - Biol., No 15, 1958, No 71296

Author : Baryshnikov A.S.

Inst :

Title : Morphological Changes in Experimental Tuberculosis under the  
Influence of Larusan

Orig Pub : V sb.: Klinika i terapiya tuberkuleza i organizatsiya bor'by  
s nim. Sverklovsk, 1957, 79-83

Abstract : A histological observation of 187 mice and 114 guinea pigs  
was carried out. 0.1 mg. of human type tuberculous culture  
of medium virulence was introduced into the tail vein and  
0.5 of the same culture to guinea pigs under the skin of  
the armpit. 92 mice were treated during 28 days with  
larusan (L) in doses of 1.5 mg. The treatment of 55 guinea  
pigs started 1 month following the infection (2-50 mg. of  
L during 3 months). In 74 percent of mice no specific tissual  
reaction was noted, and in 26 percent it had a limited pro-

Card : 1/2

MALYSHEVA, Nadeshda Ivanovna; BARYSHNIKOV, Aleksandr Vasil'yevich;  
KOSENKOV, Nikolay Ivanovich; FOMIN, P.D., nauchnyy red. [deceased];  
GABOVA, D.M., red.; MEDVEDEV, L.Ya., tekhn.red.; KNAKNIN, M.T.,  
tekhn.red.

[Design and control of Cotton machines] Ustroistvo i regulirovanie  
kottonnykh mashin. Moskva, Gos.nauchno-tekhn.izd-vo lit-ry po  
legkoi promyshl., 1959. 221 p. (MIRA 12:12)  
(Knitting machines)

BAITYSHNIKOV, E.K.; MERLICH, B.V.; SLAVSKAYA, A.I.

Metacinnabarite from Transcarpathia. Min.sbor. no.11:342-346  
'57. (MIRA 13:2)

1. Geologicheskaya ekspeditsiya Ural'skogo gosuniversiteta,  
Beregovo Gosuniversitet im. Ivana Franko, L'viv.  
(Transcarpathia--Metacinnabarite)

LAZARENKO, Ye.L., prof.; LAZARENKO, E.A.; BARYSHNIKOV, E.K.;  
MALYGINA, O.A.; FURMAN, K.P., red.; SARANYUK, T.V.,  
tekhn. red.

[Mineralogy of Transcarpathia] Mineralogiia Zakarpat'ia.  
[By] E.K.Lazarenko i dr. L'vov, Izd-vo L'vovskogo univ.,  
1963. 614 p. (MIRA 17:3)

BARYSHNIKOV, F. A.

Acad Sci Kazakh SSR. Inst of Metallurgy and Ore Dressing

BARYSHNIKOV, F. A.- "Investigation and theoretical principles of the processes of working mercury mines." Acad Sci Kazakh SSR. Inst of Metallurgy and Ore Dressing. Alma-Ata, 1956. (Dissertation for the Degree of Candidate in Technical Sciences.)

SO: Knizhnaya Letopis' No. 13, 1956.

TRAVIN, A.B.; BARYSHNIKOV, F.A.

Petrographic composition and preparation characteristics of Kemerovo  
seam coals in the Kuznetak Basin. Trudy Khim.-met. inst. Zap.-Sib.  
fil. AN SSSR no.10:135-141 '57. (MIRA 11:6)  
(Kuznetak Basin—Coal geology)  
(Coal preparation)



AUTHORS:

Baryshnikov, F.A. and Kaloshina, M.N.

SOV-127-58-9-2/20

TITLE:

Complex Utilization of Iron Ores of the Gornaya Shoriya and Khakass-Minusinsk Rayon (Kompleksnoye ispol'zovaniye zheleznykh rud Gornoy Shorii i Khakassko-Minusinskogo rayona)

PERIODICAL:

Gornyy zhurnal, 1958, Nr 9, pp 7-21 (USSR)

ABSTRACT:

Iron ores extracted from Abakan, Sheregeshskoye, Shalym, Odra-Bashskoye, Temir-Tau and Nizhne-Nikol'sk deposits, as well as concentration products (concentrates and tailings) of the Mundybash Concentration Plant, were studied by the authors together with P.G. Verkholtantsev, O.G. Kine, S.I. Golosov and N.V. Arnautov. Every ore and its products underwent the same test: the mineral composition of each sample was determined by spectral, chemical, rational and mineralogical analyses, and the best method of concentrating was proposed for each product. A detailed table of chemical analysis was compiled (Table 1) and other tables (Tables 2 - 10) give results of the experimental concentrating processes. On the basis of this research, special concentrating schemes for each of abovementioned deposits were proposed (Fig. 3,4,6). The authors stress the fact, that many of the valuable components of the ores are irretrievably lost during present concentration processes now being used in these mines

Card 1/2

SOV-127-58-2-2/20

Complex Utilization of Iron Ores of the Gornaya Shoriya and Khakass-Minusinsk Rayon

and at the Mundybash plant.

There are 11 tables, 3 schemes, 3 graphs and 3 Soviet references.

ASSOCIATION: Institut gornogo dela Zapadnosibirskogo filiala AN SSSR (The Institute of the Mining Industry of the West Siberian Branch of the AS USSR)

1. Iron ores--Chemical analysis    2. Iron ores--Processing

Card 2/2

BARYSHNIKOV, F.A.

Removal of phosphorus from molybdenum concentrates by extraction  
with aqueous solutions of hydrochloric or sulfuric acid. Izv.  
Sib.otd.AN SSSR no.2:142-144 '59. (MIRA 12:7)

1. Zapadno-Sibirskiy filial Sibirskogo otdeleniya AN SSSR.  
(Molybdenum ores) (Phosphorus)

BAHYSHNIKOV, F.A.; KALOSHINA, M.N.

Investigating the treatability of "Mizhne-Nikol'skoye" deposit  
iron ores. Trudy Inst.gor.dela Sib.otd.AN SSSR no.2:272-285  
'59. (MIRA 13:5)  
(Altai Territory--Iron ores) (Ore dressing)

BARYSHNIKOV, F.A.; KALOSHINA, M.N.

Complex recovery of metals from iron ores. Trudy Inst.gor.dela  
Sib.otd.AN SSSR no.2:286-323 '59. (MIRA 13:5)  
(Flotation) (Ores--Sampling and estimation)

BARYSHNIKOV, Y.A.; RUZINOVA, I.L.; FEDOSOVA, V.Ya.

Method for determining germanium in black coal. Izv.Sib.otd.AN  
SSSR no.5:75-80 '59. (MIRA 12:10)  
(Germanium--Analysis) (Coal)

BARYSHNIKOV, F.A.; YAROSH, A.B.

Testing on three samples the susceptibility of Kemerovo coal to  
undergo preparation in view of deciding the problem of its  
coking capacity. Truly Inst.gor.dela Sib.otd.AN SSSR no.2:  
240-260 '59. (MIRA 13:5)  
(Coal preparation--Testing) (Coke)

BARYSHENIKOV, F.A.; ABRANOVA, A.K.

Study of the flotation properties of terpene-containing waste products from Novosibirsk camphor and barnaul oleoresin-turpentine plants. Trudy Khim.-met. inst. Sib. otd. AN SSSR no. 13:75-115 '59. (MIRA 14:1)

(Wood-using industries--By-products)



BARYSHNIKOV, F.A.; KALOSHINA, M.N.

Treatment of blast furnace gas purification slimes at the  
Kuznetsk Metallurgical Combine. TSvet.met. 33 no.1:57-59  
Ja '60. (MIRA 13:5)

1. Sibirskoye otdeleniye AN SSSR i Institut Gornogo dela.  
(Gas purification) (Nonferrous metals)

BARYSHNIKOV, F.A.; SOLOV'YEV, V.A.; KOVRIZHNYKH, Yu.P.

Interrelation between the petrographic and mineral composition and  
the germanium content of some kinds of coal. Trudy Inst. gor. dela.  
Sib. otd. AN SSSR no.3:252-265 '60. (MIRA 14:4)  
(Coal—Analysis) (Germanium—Analysis)

BARYSHNIKOV, F.A.; KALOSHINA, M.N.

Using the residue of blast-furnace gas purification at the  
Kuznetsk Metallurgical Combine. Trudy Inst. gor. dela Sib.  
otd. AN SSSR no.3:283-294 '60. (MIRA 14:4)  
(Stalinsk (Kemerovo Province)--Smelting--Byproducts)  
(Iron) (Zinc)

BARYSHNIKOV, F.A.; BOCHKAREV, G.R.

Effect of certain hydrocyclone parameters on their operational indices  
in thickening coal slurry. Ugol' 35 no.8:56-58 Ag '60. (MIRA 13:9)  
(Coal preparation) (Separators (Machines))

BARYSHNIKOV, G.

Improve the relationship between meat combines and procuring  
agents. Mias. ind. SSSR 30 no.5:30-31 '59. (MIRA 13:1)

1. Zamestitel' direktora Leningradskogo myasokombinata.  
(Meat industry)

BARYSHNIKOV, G.

Planning and designing packing houses. Mias.ind.SSSR 31 no.3:  
15-16 '60. (MIRA 13:9)  
(Packing houses)

~~BARYSHNIKOV, G.A., inzh.~~

Representation of cycles of some heat engine units in a balance diagram. Izv.vys.ucheb.zav.; mashinostr. no.5:135-152 '62.  
(MIRA 15:10)

1. Moskovskoye vyssheye tekhnicheskoye uchilishche imeni Baumana.  
(Gas and oil engines—Graphic methods)

BARYSHNIKOV, G.A., inzh.

Distribution of heat losses in the GS-75 free-piston gas producer and the free-piston gas producer designed by the Motor-Vehicle Research Institute. Izv. vys. ucheb. zav.; mashinostr. no.10:143-149 '63. (MIRA 17:3)

1. Moskovskoye vyssheye tekhnicheskoye uchilishche imeni Baumana.



BARYSHNIKOV, G.A., kand. tekhn. nauk

Effect of the characteristics of the compression process in a compressor on the economic efficiency of a unit with a free-piston gas producer. Izv. vys. ucheb. zav.; mashinostr. no.10:133-142 '64 (MIRA 18:1)

1. Moskovskoye vyssheye tekhnicheskoye uchilishche imeni N.E. Baumana.

ADMISSION

AUTHOR: Baryshnikov, A. A. (Baryshnikov, A. A.)

DATE: 1986

DATE: 1986

DATE: 1986

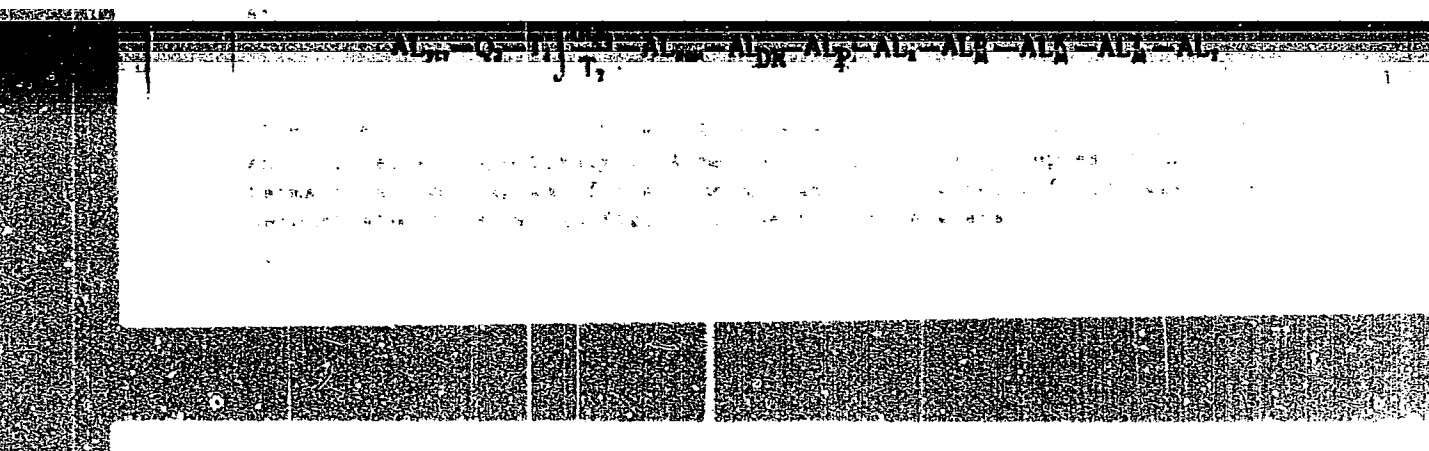
DATE: 1986

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ASSOCIATION: MVTU Jm. W. E. Bauman (MVTU)

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ORLIN, A.S., doktor tekhn.nauk, prof., zaslushennyy deyatel' nauki i  
tekhniki; BARYSHNIKOV, G.A., kand.tekhn.nauk

Initial stage in the formation of a pressure impulse  
in the output collector of a composite engine.  
Energomashinostroyeniye 11 no.10:6-8 0 '65.

(MIRA 18:11)



1. The purpose of this report is to

study the basic cycle parameters and the efficiency of a  
two-cycle reciprocating engine. Energy conversion is made in no. 48  
on 16 Apr '66. (MIRA 18:6)

ACC NR AP5025226

SOURCE CODE: OR/022,05/000,0 7092

AUTHORS: Orlin, A. S. (Doctor of technical sciences); Baryshnikov, G. A. (Candidate of technical sciences)

ORG: MVTU in N. E. Bauman (MVTU)

TITLE: Character of transient flow of the working fluid in the exhaust system of a combined engine during the initial period of free exhaust

SOURCE: IVUZ. Mashinostroyeniye, no. 7, 1965, 93-97

TOPIC TAGS: transient flow, wave mechanics, exhaust gas kinetics

ABSTRACT: The process of pressure pulse formation during the opening of an arbitrary nozzle is considered in a qualitative way. The problem is posed in the geometry shown in Fig. 1, where at time  $t_1$  after opening the clearance, certain regions can be identified. Regions I and V contain gas particles which are unaffected by the exhaust process; region IV contains particles pressurized by the compression wave a-b; region III contains gases which have passed through the decompression wave (line 1-2 represents separation between gases A and B); region II contains the rarefaction region. The remainder of the article discusses qualitatively the difficulties which are encountered in trying to solve this problem. No indication is given as to how to handle these difficulties which include: the effects of the velocity of one side

Card 1/2

UDC: 621.436.7



ORLIN, A.S., doktor tekhn. nauk, prof.; BARYSHNIKOV, G.A., kand. tekhn. nauk

Characteristic of unsteady motion of the actuating medium in the exhaust system of a combined engine during the initial period of free exhaust. Izv. vys. ucheb. zav.; mashinostr. no.7:93-97 '65. (MIRA 18:12)

1. Moskovskoye vyssheye tekhnicheskoye uchilishche imeni N.E. Baumana. Submitted April 22, 1965.

L 21649-66 EWT(d)/EWT(m)/EWP(f)/T-2  
ACC NR: AP6006136 (A)

SOURCE CODE: UR/0114/65/000/010/0006/0008

AUTHORS: Orlin, A. S. (Meritorious scientist and technician, Doctor of technical sciences, Professor); Baryshnikov, G. A. (Candidate of technical sciences)

ORG: none

TITLE: Initial stages of pressure pulse formation in the exhaust manifold of a combined engine

SOURCE: Energomashinostroyeniye, no. 10, 1965, 6-8

TOPIC TAGS: compression shock, rarefaction wave, engine exhaust system, unsteady flow

ABSTRACT: Pressure pulse formation and dissipation of the discontinuity created by the opening of the discharge valve of a combined engine (piston and turbine) are qualitatively discussed. The authors do not agree with the simplifying assumptions made by other authors (no references) and qualitatively describe the initial formation of pressure and rarefaction shocks at the opening. The similarity to the shock tube problem is discussed, but it is decided that the

Card 1/2

UDC: 621.436.7.001.5

L 21649-66

ACC NR: AP6006136

Problem cannot be reduced to the one-dimensional case. Since the unsteady three-dimensional problem is not solvable at the present time, it is suggested that approximate solutions must be obtained for specific cases by making appropriate assumptions justified by the specific case. The authors regret that the scope of the article does not permit further discussion of specific cases, but they hope to do this in future publications. Orig. art. has: 4 figures and 2 formulas.

SUB CODE: 21/

SUBM DATE: none/

ORIG REF: 004

Card 2/2

*LJC*

BARYSHNIKOV, G.I.; LERNER, B.I.

Apparatus for automatic starting and stopping of the tape winder  
at seismic stations. Razved. i prom. geofiz. no.30:26-28 '59.  
(MIRA 12:12)

(Prospecting--Geophysical methods)

FILATOV, V.P.; SEMENENKO, P.P.; BARYSHNIKOV, G.I.; GUDOV, V.I.

Repair of basic open-hearth furnace hearth bottoms by fine-grained refractory powders. Metallurg 7 no.12:11-13 D '62. (MIRA 15:12)

1. Metallurgicheskiy kombinat im. A.K.Serova.  
(Open-hearth furnaces—Maintenance and repair)  
(Refractory materials)



BARYSHNIKOV, G.I.

New method of bricklaying around the steel tapping arrangement  
and its maintenance. Metallurg 6 no.12:15-17 D '61.

(MIKA 14:11)

1. Starshiy master martenovskogo tsekha metallurgicheskogo  
kombinata im. Serova.

(Open-hearth furnaces--Design and construction)

BARYSHNIKOV, G.I.

Unbonded joint of a removable spout. Metallurg 6 no.12:17-  
18 D '61. (MIRA 14:11)

1. Starshiy master martenovskogo tsekh metallurgicheskogo  
kombinata im. Serova.  
(Open-hearth furnaces--Design and construction)

FILATOV, V.P.; SEMENENKO, P.P.; BARYSHNIKOV, G.I.; GUDOV, V.I.

Rammed open-hearth furnace bottom. Metallurg 7 no.5:16-18  
My '62. (MIRA 15:5)

1. Metallurgicheskiy kombinat imeni A.K. Serova.  
(Open-hearth furnaces--Maintenance and repair)

FILATOV, V.P.; SEMENENKO, P.P.; BARYSHNIKOV, G.I.; GUDOV, V.I.

Fritting new bottoms in open-hearth furnaces. Metallurg  
7 no.8:14-16 Ag '62. (MIRA 15:9)  
(Open-hearth furnaces—Maintenance and repair)

SEMENENKO, P.P.; BARYSHNIKOV, G.I.; FILATOV, V.P.; BAS'YAS, I.P.; FREYDENBERG,  
A.S.; GUDOV, V.I.; TARNOVSKIY, G.A.

Ramming the upper working layer of open-hearth furnace hearths. Metallurg  
10 no.4:14 Ap '65. (MIRA 18:7)

BARYSHNIKOV, G.I.; FREYDENBERG, A.S.; GUDOV, V.I.

Rapid reconditioning of an open-hearth furnace hearth.  
Metallurg 10 no.5:17-19 My '65. (MIRA 18:6)

VOLKOV, Aleksandr Ivanovich; BARYSHNIKOV, G.P., red.; SHCHEDRINA, N.L.,  
tekhn. red.

[Associations of collective farms; in questions and answers]  
O mezhkolkhoznykh organizatsiyakh; v voprosakh i otvetakh.  
Moskva, Gosizdat, 1963. 84 p. (MIRA 16:7)  
(Collective farms--Interfarm cooperation)

L 42068-66 FWT(1) GW

ACC NR: AP6005347

SOURCE CODE: UR/0413/66/000/001/0092/0092

AUTHORS: Baryshnikov, G. P.; Gushchin, N. L.; Kovalenko, Yu. V.; Lerner, B. L.;  
Sarkisov, S. S.; Shekhter, Z. Kh.; Kul'gin, I. Ye.

ORG: none

TITLE: Device for automatic processing of primary seismic data. Class 42, No. 177639

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, 1, 1966, 92

TOPIC TAGS: seismograph, automatic data processing

ABSTRACT: This Author Certificate presents a device for automatic processing of primary seismic data. The device consists of drums for recording seismograms, magnetic heads, and a magnetic head transport unit. To simplify the design and to increase the efficiency of seismogram processing, the magnetic head transport unit is in the form of a cam system connected to a step drive and mounted on a common shaft (see Fig. 1). The shaft is turned quasi-discretely at the end of each rotation of the recording drum. To vary the center of the summation base line, the middle cam of the system is mounted opposite the magnetic head selected as the center of the summation base line.

UDC: 550.340.8

Card 1/2

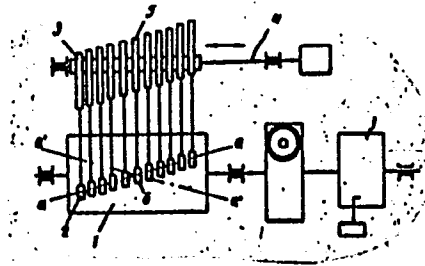


L 42068-66

ACC NR:

AP6005347

Fig. 1. 1 - drums for recording seismograms;  
2 - magnetic heads; 3 - cam system;  
4 - shaft; 5 - middle cam of system;  
6 - magnetic head selected as center  
of summation base line; a-a' - summa-  
tion base line



Orig. art. has: 1 figure.

SUB CODE: 08/ SUBM DATE: 24Sep64

Card 2/2 of

| 1ST AND 3RD ORDERS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |  |  |  |  |  |  |  |  |  |  |  |                  |  |  |  |  |  |  |  |  |  |  |  |  | 2ND AND 4TH ORDERS |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|--|--|--|--|--|--|--|--|------------------|--|--|--|--|--|--|--|--|--|--|--|--|--------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| <div style="float: left; width: 30%;"> <b>BARYSHNIKOV, I. A.</b><br/> <i>(Handwritten initials)</i> </div> <div style="float: right; width: 20%; text-align: right;"> <b>IIR</b> </div> <div style="clear: both;"></div> <p style="text-align: center; margin-top: 20px;">             Action of analbasine sulfate on the animal organism.<br/>             I. A. Baryshnikov. J. Physiol. (U.S.S.R.), 20, 79<br/>             (1958).—The effect of analbasine sulfate on the animal<br/>             organism is similar to that of nicotine. H. Cohen           </p> <p style="margin-top: 10px;"><b>A50-55A METALLURGICAL LITERATURE CLASSIFICATION</b></p> |  |  |  |  |  |  |  |  |  |  |  |  |                  |  |  |  |  |  |  |  |  |  |  |  |  |                    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| SEARCHED INDEXED                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |  |  |  |  |  |  |  |  |  |  | SERIALIZED FILED |  |  |  |  |  |  |  |  |  |  |  |  | FBI - NEW YORK     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| JAN 20 1959                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |  |  |  |  |  |  |  |  |  |  |  | MAR 10 1959      |  |  |  |  |  |  |  |  |  |  |  |  | APR 10 1959        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

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SO: U-3566, 15 March 53, (Ietopis 'Zhurnal 'nykh Statey, No. 14, 1949).

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**Influence of the vagus and sympathetic nerves and the carotid sinus  
on coronary blood circulation. Trudy fiziol. inst. 4:211-220 '49.**

**(NERVOUS SYSTEM, SYMPATHETIC)**

**(MLRA 9:5)**

**(VAGUS NERVE)**

**(BLOOD--CIRCULATION)**

**(CAROTID SINUS)**

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Effect of the maternal organism on the color of the progeny in rabbits following transplantation of ovaries. Izv.Akad.nauk SSSR Ser.biol.,Moskva no.6:77-96 Nov-Dec 50. (CML 20:4)

1. Physiological Institute imeni I.P. Pavlov of the Academy of Sciences USSR, Laboratory of the Physiology of Farm Animals.

CH

Effect of phenamine (benzedrine) on exhausted skeletal muscle. I. A. Maryshnikov, *Fiziol. Zhur. S.S.S.R.* 36, 137-90 (1950).—Introduction of phenamine into the circulatory system of cat or dog causes a reestablishment of the workability of exhausted skeletal muscle which lasts for considerable periods. Phenamine also removes the suppression of muscular activity caused by nicotine and subsequent administrations of the latter do not repress activity. Phenamine was used in 1:1000 solns., nicotine tartrate in 1:10,000 solns. G. M. Kosolapoff

no. 6; Nov-Dec 50.

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"Neuroregulation of Motor Function of the Breast; Storage and Output of Milk." (pp. 423-39) by Baryshnikov, I. A., Zaks, M. G., Zotikova, I. N., Levitskaya, E. S., Pavlov, G. N., Pavlov, E. F., Tverskoi, G. B., Tokbukhin, V. I., and Tsakhaev, G. A.

SO: Journal of General Biology (Zhurnal Obshchei Biologii) Vol. 12, No. 6, (Nov-Dec) 1951.

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S.V. Ivanov, I.A. Troitskiy. Reviewed  
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BARYSHNIKOV, I.

2215 BARYSHNIKOV, I. AND BORISOV, V.

Vyrashchiva Niye Ovoshchey U Sovkhozye Saki . Simfyeropol'. Krymizdat,  
1954. 112 s. s ill. I. L. Plan. 20 sm. 2.000 EKZ. 1r. 45r.-  
(54-56435)p 635st (47.74)

~~BARSHNIKOV, I.~~  
USSR/Medicine - Physiology

FD 239

Card 1/1

Author : Baryshnikov, I.

Title : Present day problems of the physiology of agricultural animals

Periodical : Fiziol.zhur. 2, 137-141, Mar/Apr 1954

Abstract : One of the main reasons why the USSR farm plan is lagging is that institutes and experimental stations are detached from reality; they hold themselves aloof from the study of physiological mechanism of inheritance of acquired characteristics and from Pavlov's theory of higher nervous activity. Zootechnical science must not be detached from practice; scientific knowledge must be promptly made available and utilized. N. S. Khrushchev, first secretary of the Central Committee of the CPSU said that successful transition from socialism to communism depends upon abundance of consumer goods and food products of animal origin.

Institution :

Submitted :

**BARYSHNIKOV, I. A.**

**BARYSHNIKOV, I. A.**, otvetstvennyy red.; **BORISOV, K. A.**, red. izd-va; **SMIRNOVA, A. V.**, tekhn. red.

[Problems in the physiology of farm animals; proceedings of a conference] Voprosy fiziologii sel'skokhoziaistvennykh zhivotnykh; trudy soveshchaniy. Moskva, Izd-vo Akad. nauk SSSR, 1957. 410 p. (MIRA 11:3)

1. Soveshchaniye po fiziologii sel'skokhozyaystvennykh zhivotnykh. 1st, 1953, and 2d, 1955.  
(Veterinary physiology)

USSR / Farm Animals, Cattle. Q

Abs Jour : Ref Zhur - Biologiya, No 2, 1959, No. 7340

Author : Baryshnikov, I. A.

Inst : AS USSR

Title : New Data on the Reflectory Regulation of  
Lactation

Orig Pub : V sb.: Vopr. fiziol. s.-kh. zhivotnykh. M.-L.,  
AN SSSR, 1957, 262-268

Abstract : A review of scientific achievements in the  
field of study of extero- and interoceptive  
systems, nerve and hormone regulation and the  
reflex of milk discharge is presented.

Card 1/1

USSR/Farm Animals - General Problems. Q

Abs Jour : Ref Zhur - Biol., No 15, 1958, 69210

Author : Baryshnikov, I.A.

Inst : -

Title : Brief Characteristics of the State of Physiology of Farm Animals in the USSR

Orig Pub : Fiziol. zh., SSSR, 1957, 43, No 11, 1045-1051

Abstract : The principal problems of the physiology of farm animals in the development of socialist animal husbandry are the physiology of nutrition, reproduction, lactation, and higher nervous activity. New methods of investigation were worked out (method of external anastomoses); specific and age peculiarities of the activity of digestive organs, dependence of the speed of evacuation from the abomasum upon its filling up and upon the structure of the feed rations, signal significance of the appearance and odor of feeds, place and time of feeding, etc., were

Card 1/2

BARYSHNIKOV, I. A.

"The influence exercised by the organism of the mother on the properties of the offspring."

reported at Conference on Problem of Heredity and Variability, held at  
Institute of Genetics, AS USSR, 8-14, Oct 1957  
Vestnik AN SSSR, 1958, Vol. 28, No. 1, pp. 127-129 (author Kushner, Kh. F.)

BARYSHNIKOV, I.A.

Regulation of milk formation and secretion. Izv. AN SSSR, Ser.  
biol. no. 4:542-551 J1-Ag '59. (MIRA 12:9)

1. I.P. Pavlov Institute of Physiology, Academy of Sciences of  
the U.S.S.R., Leningrad.  
(LACTATION)



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Regulation of the secretory and motor activity of the mammary gland. Trudy Inst.fiziol. 8:358-367 '59. (MIRA 13:5)

1. Laboratoriya fiziologii sel'skokhozyaystvennykh shivotnykh (zaveduyushchiy - I.A. Baryshnikov) Instituta fiziologii im. I.P. Pavlova AN SSSR.

(BREAST)

**BARYSHNIKOV, I.A., doktor biol.nauk**

**Problems in the physiology and biochemistry of livestock.**  
**Vest. AN SSSR 29 no.6:124-126 Je '59. (MIRA 12:5)**  
**(Veterinary physiology)**

BARYSHNIKOV, I.A.; BIRYUKOV, D.A.; ZIMKIN, N.V.

Twenty-second Congresses of the CPSU and some important problems  
in physiology. Fiziol. zhur, 48 no.1:I-VIII Ja '62. (MIRA 15:2)  
(COMMUNISM) (PHYSIOLOGY)

SKVORTSOVA, Alevtina Alekseyevna; KHRENOV, Ivan Ivanovich; BARYSHNIKOV,  
I.A., prof., otv. red.; NATAROVA, N.V., red. izd-va; AREF'YEVA,  
G.P., tekhn. red.

[Technique for studying blood circulation, gas and energy metabolism, and pulmonary respiration in farm animals; a practical guide] Tekhnika issledovaniia krovoobrashcheniia, gazoenergeticheskogo obmena i legochnogo dykhaniiia u sel'sko-khoziaistvennykh zhivotnykh; prakticheskoe rukovodstvo. Moskva, Izd-vo Akad.nauk SSSR, 1961. 82 p. (MIRA 15:1)  
(VETERINARY PHYSIOLOGY) (BLOOD—CIRCULATION) (RESPIRATION)

BARYSHNIKOV, I.A., ZOTIKOVA, I.N., TVERSKOY, G.B.

"Neuro-hormonal control of milk secretion."

Report submitted, but not presented at the 22nd International  
Congress of Physiological Sciences.  
Leiden, the Netherlands 10-17 Sep 1962

BARYSHNIKOV, I.A.; TVERSKOY, G.B.

First Symposium on the Physiology and Biochemistry of Lactation.  
Fiziol. zhur. 48 no.2:235-238 F '62. (MIRA 15:2)

1. From the I.P.Pavlov Institute Institute of Physiology, Leningrad.  
(LACTATION...CONGRESSES)

BARYSHNIKOV, I.A. (Leningrad)

Physiology and problems of animal husbandry. Fiziol. zhur.  
48 no.4:373-377 Ap '62. (MIRA 15:6)  
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BARYSHNIKOV, I. A.

"Neuro-humoral regulation of reproduction function."

report submitted for 5th Intl Cong, Animal Reproduction & Artificial Insemination,  
Trent, Italy, 6-13 Sep 64.



BARYSHNIKOV, I.A., otv. red.

[Physiological mechanisms of machine milking] Fiziologicheskie mekhanizmy mashinnogo doenia. Moskva, Nauka, 1964.  
103 p. (MIRA 17:12)

1. Akademiya nauk SSSR. Ob"yedinennyi nauchnyi sovet  
"Fiziologiya cheloveka i zhivotnykh." 2. Institut fiziologii  
im. I.P.Pavlova AN SSSR.

BARYSHNIKOV, I.A., otv. red.; ROSHCHEVSKIY, M.P., st. nauchn.  
botr., red.; SUDAKOV, N.A., red.; FILATOV, P.V., red.

[Physiological principles of animal electrocardiography]  
Fiziologicheskie osnovy elektrokardiografii zhivotnykh.  
Moskva, Nauka, 1965. 136 p. (MIRA 18:3)

1. Akademiya nauk SSSR. Komi filial, Syktyvkar. 2. Kafedra klinicheskoy diagnostiki Moskovskoy veterinarnoy akademii (for Sudakov). 3. Laboratoriya ekologii i fiziologii zhivotnykh Instituta biologii Komi filiala AN SSSR, Syktyvkar (for Roshchevskiy).

BARYSHNIKOV, I.A., otv. red.

[Metabolism and the productivity of farm animals] Obmen  
veshchestv i produktivnost' sel'skokhoziaistvennykh zhi-  
votnykh. Moskva, Nauka, 1965. 125 p. (MIRA 18:9)

1. Akademiya nauk SSSR. Institut fiziologii.

*Baryshnikov, I.F.*

136-10-8/13

AUTHOR: Baryshnikov, I.F.

TITLE: Forty Years of the Soviet Gold Industry (Sorok let sovetskoy zolotoy promyshlennosti)

PERIODICAL: Tsvetnyye Metally, 1957, Nr 10, pp.51-58 (USSR)

ABSTRACT: After outlining the early developments of gold-mining in the Russian Empire the author deals in greater detail with the growth of the industry since the Revolution. Here he deals first with the mainly reconstructional period before 1928, which he considers the year in which the industry was put on a modern technical basis with the foundation of the government "Soyuzzoloto" company. Most of the article is concerned with post-1928 development, and personalities responsible for improvements and scientific activities are mentioned as well as plants and organisations. Some data on labour productivity and the capacities of present-day equipment are given, together with brief accounts of experimental plant available at some works. As tasks for the industry the author gives the attainment of higher gold recovery and treatment of gold-containing ores by methods securing extraction of valuable by-products (selenium, tellurium, copper, arsenic, etc.), reduction of gold-production costs, stricter control

Card 1/2

Forty Years of the Soviet Gold Industry.  
of technological conditions and operational improvement.  
· AVAILABLE: Library of Congress.

Card 2/2

AUTHOR: Baryshnikov, I.F., Engineer SOV/136-59-1-5/24

TITLE: An Important Reserve for the Additional Recovery of Metals (Vazhnyy rezerv dopolnitel'nogo izvlecheniya metallov)

PERIODICAL: Tsvetnyye Metally, 1959, Nr 1, pp 14-18 (USSR)

ABSTRACT: The author mentions that with present ore treatment methods the gold-content of many non-ferrous metal ores becomes difficult to recover, a considerable part collecting in the iron fraction (10 - 500 g/ton~~ne~~). At a large gold-extraction works in Siberia a flowsheet (Fig 1) in which both hydrocyclones and concentration tables are used gave a recovery of 12-15% of the gold present in the initial feed, representing a 100-fold and over concentration in the final product. The gold content of the magnetic (50% and over iron) fraction (500-700 g/ton~~ne~~) confirmed the need for extracting the iron concentrates in the ore-grinding stage. With a large laboratory induction roller, separator type NTCRT-2-VK-5-ho designed by the

SOV/136-59-1-5/24

An Important Reserve for the Additional Recovery of Metals

Institute) and now manufactured by the imeni Kotlyakova zavod (imeni Kotlyakov works) near Leningrad, tests were carried out (by engineer V.I. Gulyayeva in 1957) on various products. The results showed that the magnetic concentrates must be separated in the head stage of grinding auriferous ores enabling metallic iron (eg from ball-mill wear) to be removed. The author advocates the use of electromagnetic separators at Ural and Kazakhstan works for treating tailings and discusses the separation of pyrrhotine. The latter is of particular importance for Noril'skiye ores. Considering the utilization of the products the author discusses the characteristics of various drum separators, comparing those of types NIGRI-7-100 (Fig 2) and NIGRI-7-500 with productivities of 4-5 and 25 tons /hour for 0-0.1 mm size, respectively and 5-8 and 40 tons per hour for 0.1-1 mm, respectively. These are to be produced at the Voronezhskiy zavod gornobogatitel'nogo oborudovaniya (Voronezh Mining and Beneficiation Equipment Plant). The author also briefly describes the type 167-SE double magnetic drum separator (Fig 3) for strongly magnetic ores designed by the

Card 2/3

SOV/136-59-1-5/24

An Important Reserve for the Additional Recovery of Metals

"Mekhanobr" Leningrad institute which is to be made by the Voronezh works in 1959. A modernised separator for weakly magnetic ores, type NIGRI-2-VK-5a is also to be made then.

There are 3 figures and 3 Soviet references.

Card 3/3



AUTHOR: Baryshnikov, I. F.

SOV/136-59-7-2/20

TITLE: Further Adoption of Developed Beneficiation Flow-Sheets  
for Extracting Noble Metals From Ores

PERIODICAL: Tsvetnyye metally, 1959, Nr 7, pp 5-14 (USSR)

ABSTRACT: A considerable part of the polymetallic lead-zinc, copper and nickel ores beneficiated in the USSR contain some noble metals. The author discusses progress in their extraction. I.N. Plaksin, corresponding member, AN SSSR (AS USSR), pointed out (Ref 1) the suitability of the gold content of minerals for gravitational concentration, and early work on this (Ref 2) was carried out by Professor S. P. Aleksandrov who suggested a flow-sheet (Fig 1) and later a combined flow-sheet (Ref 3). Professor Anisimov (Ref 4) studied flotation of auriferous ores and formulated conditions favourable to flotation. In the thirties many Soviet and foreign enterprises used combined flow-sheets involving single-chamber flotation machines (Fig 2 shows some typical flow-sheets). This type of machine, however, was soon found to have drawbacks

Card 1/4

SOV/136-59-7-2/20

. Further Adoption of Developed Beneficiation Flow-Sheets for  
Extracting Noble Metals From Ores

and in 1937 a closed-cycle jigging-ball mill flow-sheet was proposed by Tikhonov. New methods and equipment were introduced at some Ural works as a result of developments to which Soviet research had contributed. The special features (Ref 7) of gold in the middlings sometimes lead to separate treatment for this fraction. At the Salairskaya tsinkovaya obogatitel'naya fabrika (Salair, zinc beneficiation works) the present plant layout (Fig 3) for gravitational concentration of local ores gives up to 20% gold recovery in the concentrate metal. At various gold-producing works the output of gravitational concentrates is 0.5 - 4% of the total weight of ores treated, gold recovery in the concentrate being usually over 20-25% (sometimes 40-55% and over) of all gold in the feed. Concentration of arsenic, antimony, copper and other elements harmful in the further treatment also occurs. Professor I.N. Maslenitskiy (Ref 8) has proposed a flow-sheet (Fig 4) to deal with such concentrates; but

Card 2/4

SOV/136-59-7-2/20

Further Adoption of Developed Beneficiation Flow-Sheets for  
Extracting Noble Metals From Ores

promising pyrometallurgical methods (Ref 9) are not being used through lack of plants of a suitable scale. The author states that with good use of existing methods, e.g. at the Bestyubinskiy (Bestyube) mine and the Darasunskoye rudoupravleniye (Darasun Ore Management) gold losses in tailings can be minimised to give gold recoveries of 30-55% in the concentrate metal. Fig 5 shows the flow-sheet at the former enterprise for local ore and Fig 6 plant layout for gravitational concentration of ore containing finely-dispersed gold. At the Darasun Zolotoizvlekatel'naya fabrika (Gold-Extraction Works) plant layout shown in Fig 7 gives good results; in some cases, e.g. when the dredge metals are associated with sulphide minerals, removal of slime from the particle surfaces is required: for this the workers have proposed a process involving a mill, jigging machine, spiral and rake classifiers and flotation machines, (Fig 8), whose introduction has raised the general level of gold recovery by 2-3%.

Card 3/4 Heavy media concentration has been studied by

Further Adoption of Developed Beneficiation Flow-Sheets for  
Extracting Noble Metals From Ores

SOV/136-59-7-2/20

S.G. Yevsiovich, Candidate of Technical Sciences, at the Zyryanovskaya Beneficiation Works: lower tailings gold losses than at the existing flotation works were obtained and the author urges that radical reconstruction should not delay immediate improvements in operation of existing plant. At works where gold is obtained as a by-product of lead-zinc, copper and nickel ore beneficiation the primary task is the reconstruction of the gold part of plant where sulphide ores are beneficiated. The author criticises the view, held by some operators, that with selective flotation of complex polymetallic ores no steps need be taken specifically for noble-metal recovery: he shows that the recovery is then often made more difficult. He urges that special attention be given to gold-recovery aspects in studies of new polymetallic ores, that new methods of middling treatment should be studied and that there should be more sharing of experience between enterprises. There are 8 figures and 9 Soviet references.

Card 4/4

SKOROV, V.A.; STEPANOV, I.S.; SHAKHNAZAROV, A.K., inzhener-metallurg, pensioner; PETROV, V.I., Geroy Sotsialisticheskogo Truda; BARYSHNIKOV, I.F., starshiy inzhener; BUGAREV, L.A.; LAKERNIK, M.M., kand.tekhn. nauk; SHEYN, Ya.P.; MOLCHANOV, A.A.

The greatest objective of our life. TSvet.met. 34 no.10:1-10  
0 '61. (MIRA 14:10)

1. Glavnyy inzhener Skopinskogo zavoda "TSvetmet" (for Skorov).
  2. Zamestitel' predsedatelya Mezhdunarodnoy komissii po redkim metallam pri Gosudarstvennom komitete Soveta Ministrov SSSR po koordinatsii nauchno-issledovatel'skikh rabot (for Stepanov).
  3. Rukovodite' brigady kommunisticheskogo truda elektroliznogo tsekha Ural'skogo alyuminiyevogo zavoda (for Petrov).
  4. Otdel tsvetnoy metallurgii Gosplana SSSR (for Baryshnikov.).
  5. Nachal'nik podotdela otdela ekonomiki i razvitiya tsvetnoy metallurgii Gosekonomsoвета SSSR (for Bugarev).
  6. Zamestitel' direktora po nauchnoy chasti Gosudarstvennogo nauchno-issledovatel'skogo instituta tsvetnykh metallor (for Lakernik).
  7. Starshiy ekspert upravleniya Gosudarstvennogo komiteta Soveta Ministrov SSSR po avtomatizatsii i mashinostroyeniyu (for Sheyn).
  8. Glavnyy spetsialist otdela tsvetnoy metallurgii Gosplana SSSR (for Molchanov).
- (Communism)

BARYSHNIKOV, I.F.

All-Union seminar of test laboratory workers for the nonferrous  
metallurgy. TSvet. met. 35 no.1:91-93 Ja '62. (MIRA 16:7)  
(Ores--Sampling and estimation)  
(Nonferrous metals--Metallurgy)

BARYSHNIKOV, I.F.

Conference on dredger building. TSvet. met. 36 no.3:87-89 Mr  
'63. (MIRA 16:5)

(Dredging machinery--Design and construction)  
(Gold dredging--Congresses)

BARYSHNIKOV, I.F.; GUCHETL', I.

Ways for the additional recovery of precious metals in non-ferrous metal ore dressing plants. TSU+. met. 37 no.11:23-28

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BARYSHNIKOV, I.F.; CHEVASHEVA, G.L.; SHAKHOVA, A.A.

Efficient flow sheets for the processing of gold containing  
concentrates and flux materials. TSvet. met. 38 no.1:9-15  
Ja '65 (MIRA 18:2)

BARYSHNIKOV, I.F.

School-seminar for the workers of analytical laboratories of  
the aluminum industry of the U.S.S.R. Zav. lab. 30 no.11:  
1424 '64 (MIRA 18:1)

1. Predsedatel' sektiis kontrolya i metodov analiza "Sentral'-  
nogo pravleniya Nauchno-tekhnicheskogo obshchestva tsvetnoy  
metallurgii.

BARYSHNIKOV, I.G.; SHUSHPANOV, P.I., dots., red.

[Determining the coefficient of absorption of gamma rays] Opređenje koefitsienta pogloshchenia gamma-luchei. Moskva, Mosk. in-t nar. khoz., 1962. 32 p. (Praktikum po fizike, no.3) (MIRA 18:2)

BARYSHNIKOV, I.I.

Pavel Fedorovich Gorianinov as pharmacologist. Farm.1 toks. 16 no.3:54-58  
My-Je '53. (MLRA 6:7)

1. Voenno-meditsinskaya akademiya imeni S.N.Kirova.  
(Gorianinov, Pavel Fedorovich, 1796-1865)